

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423	Amt Collected(cm ²):	100
MVA Sample#	Q1438	Amt Prepped(cm ²):	10
Client I.D.:	Dust 23	Filter Area (mm ²):	1255
Instrument:	Phillips 120	Filter Type:	PC
Magnification:	24,400	Openings Analyzed:	10
Acc. Voltage:	100 KV	Grid Opening (mm ²):	0.008

Analyst:	WH
Date:	9/13/05
Page:	1 of 1
Comments:	10 ml
ASTM Method:	D5480
	or D5755 X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (μm)	Width*** (μm)
1	A3	1	F	3.1	0.15	C	C		1.3	0.06
		2	F	2.2	0.10	C	C		0.9	0.04
		3	F	1.7	0.10	C	C		0.7	0.04
	B1	4	F	1.1	0.10	C	C		0.5	0.04
		5	F	1.2	0.10	C	C		0.5	0.04
		6	F	1.2	0.10	C	C		0.5	0.04
	C4	7	F	3.5	0.10	C	C		1.4	0.04
		8	M	1.1	0.10	C	C		0.5	0.04
		9	F	1.6	0.10	C	C		0.7	0.04
	E8	10	F	6.0	0.10	C	C		2.5	0.04
		11	F	6.0	0.10	C	C		2.5	0.04
	D10	12	F	8.5	0.10	C	C		3.5	0.04
2	J1	13	F	6.3	0.10	C	C		2.6	0.04
		14	F	5.6	0.10	C	C		2.3	0.04
	I3	15	F	1.3	0.10	C	C		0.5	0.04
		16	F	2.0	0.10	C	C		0.8	0.04
		17	F	3.6	0.10	C	C		1.5	0.04
		18	B	13.0	0.5	C	C		5.3	0.20
	G2	19	F	2.5	0.2	C	C		1.0	0.08
		20	F	2.0	0.1	C	C		0.8	0.04
		21	F	3.0	0.2	C	C		1.2	0.08
	E1	22	F	4.0	0.1	C	C		1.6	0.04
		23	F	10.3	0.2	C	C		4.2	0.08
		24	M	6.0	0.2	C	C		2.5	0.08
		25	B	1.5	0.2	C	C		0.6	0.08
		26	F	1.5	0.1	C	C		0.6	0.04
		27	F	1.3	0.1	C	C		0.5	0.04
		28	F	1.5	0.2	C	C		0.6	0.08
		29	M	5.5	0.1	C	C		2.3	0.04
		30	F	2.0	0.1	C	C		0.8	0.04
		31	F	2.0	0.1	C	C		0.8	0.04
	J6	32	F	3.4	0.1	C	C		1.4	0.04
		33	F	6.0	0.1	C	C		2.5	0.04
		34	M	1.1	0.2	C	C		0.5	0.08
		35	B	2.6	0.3	C	C		1.1	0.12

*NFD or NSD = No Fibers Detected or No Structures Detected

** On Screen Measurement

*** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423	Amt Collected(cm ²):	100
MVA Sample#	Q1439	Amt Prepped(cm ²):	1.0
Client I.D.:	Dust 24	Filter Area (mm ²):	1256
Instrument:	Philips 420	Filter Type:	PC 0.2
Magnification:	20,600	Openings Analyzed:	10
Acc. Voltage:	100 KV	Grid Opening (mm ²):	0.008

Analyst:	AH
Date:	9/13/05
Page:	1 of 2
Comments:	
ASTM Method:	D5480
	or D5755 X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (µm)	Width*** (µm)
1	I5	1	M	15.0	7.00	C	C	EDS Printout	7.3	3.40
		2	B	18.0	1.00	C			8.7	0.49
		3	M	30.0	18.00	C			14.6	8.74
		4	F	14.0	0.10	C			6.8	0.05
	G7	5	C	4.0	3.00	C			1.9	1.46
		6	B	10.0	0.30	C			4.9	0.15
		7	M	12.0	8.00	C			5.8	3.88
		8	M	16.0	6.00	C			7.8	2.91
		9	F	5.0	0.10	C			2.4	0.05
	F8	10	C	6.0	5.00	C	C	EDS Printout	2.9	2.43
		11	B	11.0	0.30	C			5.3	0.15
		12	C	11.0	4.00	C			5.3	1.94
		13	B	20.0	2.50	C			9.7	1.21
	D9	14	B	8.0	0.30	C			3.9	0.15
		15	B	9.0	0.40	C			4.4	0.19
		16	M	8.0	2.00	C			3.9	0.97
		17	C	4.0	3.50	C			1.9	1.70
	B7	18	M	29.0	16.00	C			14.1	7.77
		19	B	10.0	0.30	C			4.9	0.15
		20	B	5.0	0.30	C	C	EDS Printout	2.4	0.15
2	C2	21	F	5.0	0.10	C			2.4	0.05
		22	B	8.0	0.30	C			3.9	0.15
		23	F	4.0	0.10	C			1.9	0.05
		24	B	9.0	0.30	C			4.4	0.15
	B1	25	M	8.0	5.00	C			3.9	2.43
		26	F	8.0	0.10	C			3.9	0.05
		27	F	11.0	0.10	C			5.3	0.05
	H5	28	B	6.0	0.30	C			2.9	0.15
		29	F	4.0	0.10	C			1.9	0.05
	F8	30	M	35.0	25.00	C	C	EDS Printout	17.0	12.14
		31	B	5.0	0.30	C			2.4	0.15
		32	F	19.0	0.10	C			9.2	0.05
		33	C	10.0	6.00	C			4.9	2.91
	C7	34	F	11.0	0.10	C			5.3	0.05
		35	F	3.0	0.10	C			1.5	0.05

*NFD or NSD = No Fibers Detected or No Structures Detected

On Screen Measurement

** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	8423	Amt Collected(cm ²):	0
MVA Sample#	Q1447	Amt Prepped(cm ²):	50/100 ml prepped
Client I.D.:	Dust 32	Filter Area (mm ²):	1256
Instrument:	Phillips 420	Filter Type:	PC 0.2
Magnification:	20,600	Openings Analyzed:	10
Acc. Voltage:	100 KV	Grid Opening (mm ²):	0.008

Analyst: AH
Date: 9/8/05
Page: 1 of 1
Comments:
ASTM Method: D6480
or D5755 X

[illegible]

*NFD or NSD = No Fibers Detected or No Structures Detected

On Screen Measurement

*** Calculated Actual Measurement (On Screen Measurement X 10,000/magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, Am = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

Amt Collected(cm ²):	100
Amt Prepped(cm ²):	1.0
Filter Area (mm ²):	1256
Filter Type:	PC
Openings Analyzed:	10
Grid Opening (mm ²):	0.008

Analyst: WH
Date: 9/14/05
Page: 1 of 1
Comments: 1 ml
ASTM Method: D6480
or D5755 X

6423report092605

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423
MVA Sample#	Q1453
Client I.D.:	Dust 45
Instrument:	Philips 420
Magnification:	20,600
Acc. Voltage:	100 KV

Amt Collected(cm ²):	100
Amt Prepped(cm ²):	0.1
Filter Area (mm ²):	1256
Filter Type:	PC 0.2
Openings Analyzed:	10
Grid Opening (mm ²):	0.008

Analyst: AH
Date: 9/21/05
Page: 1 of 1
Comments:
ASTM Method: D6480
or D5755 X

[illegible]

*NED or MSD = No Flare Detected or No Structures Detected

* On Screen Measurement

** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

